SOLVAY

Dean, Ouisha <ouisha.dean@solvay.com>

Fwd: Solvay PSD Project: FLM Notification
1 message

Rodger Steen <rgsteen@airsci.com>   Mon, Feb 27, 2012 at 10:40 AM
To: Tim Brown <tim.brown@solvay.com>
Cc: Ouisha Toenyes <ouisha.toenyes@solvay.com>

Tim, in the interest of you seeing all communication from DEQ - here is an e-mail that Tim received after our meeting.   Tim M and I have not yet discussed it.

Rodger

Begin forwarded message:

From: "Tim Martin" <tmartin@airsci.com>
Date: February 27, 2012 10:04:24 AM MST
To: <knorville@airsci.com>
Cc: "Rodger Steen" <rgsteen@airsci.com>
Subject: FW: Solvay PSD Project: FLM Notification

Kent,

Here is the e-mail that I received from Josh Nall after our meeting. Let's discuss today. Given John Notar's comment below, I suspect I know why the Q/D analysis is holding up some applicants and I'll discuss with Rodger today.

-Tim

From: Josh Nall [mailto:josh.nall@wyo.gov]
Sent: Friday, February 24, 2012 8:35 AM
To: tmartin@airsci.com
Subject: Solvay PSD Project: FLM Notification

Tim, I wanted to give you some more information about the FLM notification for the Solvay PSD project. Although the FLAG2010 document says that the "Q" for the Q/D calculation should be based on SO2+NOx+PM10+sulfates, John Notar of the NPS has indicated that, ideally, he prefers a slightly different breakdown. I realize that this degree of speciation may be difficult for such a project and at this stage in the planning, but here is what he told us for an earlier project:

"the Q/D calculation is performed using the maximum 24 hour emission rates of SO2, SO4, NOx, PM coarse, PM Fine, Organic carbon, and elemental carbon and then multiplied by 365 to get the potential TPY. Just give us the Q for the major modification and not the whole facility."

Regarding the AERMET processing of the on-site met data, I have a concern about Solvay's Licor solar radiation sensor meeting the spectral response requirement for PSD systems. This may

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drive the processing toward the use of Rock Springs cloud cover data. It might be a good idea to send me a brief e-mail "protocol" on how you intend to do the AERSURFACE/AERMET so I can review and give you some feedback before you run the AERMET. Let me know if you have any questions. Thanks, Josh.

James (Josh) Nall
NSR Program Principal, Dispersion Modeling
Wyoming Dept. of Environmental Quality – Air Quality Division

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